

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|------------------|
| L17 | 199337 | (dual double second) same (layer\$1 substrate stack film) same (optic\$2 disc disk CD DVD) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 15:09 |
| L18 | 18842 | (read\$4 same writ\$4 same only same once) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 15:11 |
| L19 | 2274 | 17 and 18 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 15:11 |
| L20 | 9964 | effective same reflect\$3 same level | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 15:12 |
| L21 | 27 | 19 and 20 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 15:12 |
| L22 | 2254 | (369/275.1).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/17 15:12 |
| L24 | 107 | 19 and 22 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 15:13 |

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| L25 | 802 | (369/94).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/17 15:13 |
| L26 | 100 | 19 and 25 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/17 15:13 |
| S1 | 2 | ("20050163023").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/02 08:32 |
| S2 | 2 | ("20050219991").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 16:56 |
| S3 | 0 | "WO 03 009281 A" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 08:33 |
| S4 | 272 | yoshinari near jiro | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 08:40 |
| S5 | 162 | tsukagoshi near takuya | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 08:41 |

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| S6 | 113 | S4 and S5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 08:41 |
| S7 | 151 | komaki near tsuyoshi | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 08:41 |
| S8 | 3 | S6 and S7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 08:46 |
| S9 | 1244 | lee near neville | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 08:47 |
| S10 | 1 | (tan near kwan) near yui | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 08:48 |
| S11 | 2 | ("5726970").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/02 08:49 |
| S12 | 3 | ("2002018870").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/02 08:49 |

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| S13 | 2 | ("20020018870").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/02 08:53 |
| S14 | 26 | kerfeld near donald | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 08:53 |
| S15 | 5 | brovold near barry | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 08:53 |
| S16 | 4 | S14 and S15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 08:53 |
| S17 | 77 | Van near den near oetelaar | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 16:31 |
| S18 | 8259 | reflection near5 level | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 17:07 |
| S19 | 6556 | (radiation near5 beam) near5 wavelength | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 16:32 |

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| S20 | 79 | S18 and S19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 16:34 |
| S21 | 41 | S20 and @ad< "20021213" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 17:10 |
| S22 | 5 | ((reflection near5 level) near5 optic\$2) near5 stack | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 17:10 |
| S23 | 595 | ((reflection near5 level) near5 optic\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 17:10 |
| S24 | 392 | S23 and @ad< "20021213" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 17:12 |
| S25 | 143 | S24 and layer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 17:12 |
| S26 | 14 | S25 and dual | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/02 17:12 |

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| S27 | 2 | ("20050163023").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 17:50 |
| S28 | 2 | ("20050219991").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 17:51 |
| S29 | 2 | ("20050201260").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 17:51 |
| S30 | 15 | effective near5 reflective near5 level | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 09:40 |
| S31 | 2 | ("5204852").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/05 09:28 |
| S32 | 2 | ("6842413").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/05 09:31 |
| S33 | 4 | ("5325351").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/05 09:31 |

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| S34 | 47087 | reflect\$5 near5 level | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 09:40 |
| S35 | 1409 | reflect\$5 near5 level near5 layer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 09:41 |
| S36 | 324824 | optic\$2 near5 (disc disk) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 09:41 |
| S37 | 359 | S35 and S36 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 09:55 |
| S38 | 7826 | radiat\$3 near5 beam near5 wavelength | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 09:42 |
| S39 | 8 | S37 and S38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 09:42 |
| S40 | 232 | S37 and @ad<"20030401" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 09:56 |

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| S41 | 2 | ("20010016242").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/05 10:41 |
| S42 | 2 | ("20010005350").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/05 10:41 |
| S43 | 2138 | (369/275.1).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/05 10:46 |
| S44 | 161 | S34 and S43 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 10:46 |
| S45 | 160 | "2" and S44 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 10:46 |
| S46 | 40 | S35 and S44 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 10:47 |
| S47 | 673 | (369/94).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/05 10:47 |

EAST Search History

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| S48 | 83 | S34 and S47 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 10:47 |
| S49 | 27 | S35 and S47 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 10:47 |
| S50 | 27 | S35 and S48 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 10:47 |
| S51 | 27 | S49 and S50 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/05 10:47 |
| S52 | 2 | "EP 1162613" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 16:25 |
| S53 | 20010 | optical same stack | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 16:41 |
| S54 | 1849 | ((read\$only and (write adj2 once)) and rewritable) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 16:43 |

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| S55 | 67 | S53 and S54 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 16:44 |
| S56 | 15 | S55 and @ad< "20020402" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 18:37 |
| S57 | 2 | ("5247494").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/05 17:20 |
| S58 | 1217141 | (two double dual)same layer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 17:21 |
| S59 | 909 | S54 and S58 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 17:21 |
| S60 | 236 | S59 and @ad< "20020402" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 18:41 |
| S61 | 12 | S53 and S60 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 18:36 |

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| S62 | 3599 | (fourth same layer) same stack | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 18:37 |
| S63 | 536 | S53 and S62 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 18:37 |
| S64 | 224 | S63 and @ad< "20020402" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 18:37 |
| S65 | 1 | S59 and S64 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 18:38 |
| S66 | 214 | S64 and third | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 18:38 |
| S67 | 83 | S66 and (fourth adj2 layer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 18:40 |
| S68 | 65 | (fourth adj2 layer) adj2 stack | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 18:41 |

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| S69 | 27 | S68 and @ad< "20020402" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/05 18:41 |
| S70 | 728 | (369/94).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 17:18 |